IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Andrei Z. Broder Appln. No. : 10/057,331  
Examiner : Hillery, Nathan Art Unit : 2176  
Filing Date : January 24, 2002  
Title : METHOD FOR RANKING WEB PAGE SEARCH RESULTS

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

COMMUNICATION

Sir:

Attached please find a Request for Change in Power of Attorney and Change of Correspondence Address.

In compliance with 37 CFR 1.32(b), Applicants request that of the patent practitioners listed in the attached Power of Attorney, the following patent practitioners be recognized by the Patent Office as being of record:

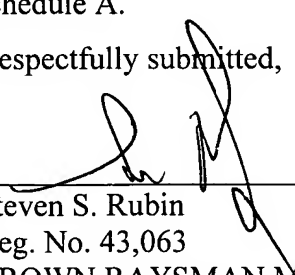
Seth H. Ostrow, Reg. No. 37,410  
Pamela G. Maher, Reg. No. 40,712  
Frederick Yu, Reg. No. 45,251  
Ivan Posey, Reg. No. 43,865  
Steven Rubin, Reg. No. 43,063

Frank J. DeRosa, Reg. No. 26,543  
Leslie Restaino, Reg. No. 38,893  
Brooke W. Quist, Reg. No. 45,030  
Robert L. Kovelman, Reg. No. 51,897  
Antonio Papageorgiou, Reg. No. 54,341

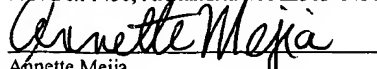
for the above application referenced in the attached Schedule A.

Respectfully submitted,

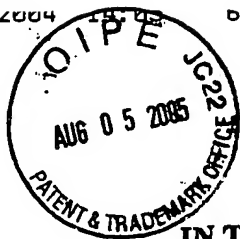
Dated: 8/2/05

  
Steven S. Rubin  
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BROWN RAYSMAN MILLSTEIN  
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I hereby certify that this paper is being deposited this date with the U.S. Postal Service as First Class Mail, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

  
Annette Mejia

8/2/05  
Date



Attorney Docket No.: 5598/21

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Applications and Patents of : Overture Services, Inc.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CHANGE IN POWER OF ATTORNEY  
AND CHANGE OF CORRESPONDENCE ADDRESS**

Pursuant to 37 C.F.R. § 1.36, Overture Services, Inc. as Assignee of the applications listed in the attached Schedule A, hereby appoints Seth H. Ostrow, Reg. No. 37,410; Frank J. DeRosa, Reg. No. 26,543; Pamela G. Maher, Reg. No. 40,712; Leslie Restaino, Reg. No. 38,893; Robert Bauer, Reg. No. 34,487; Matthew J. Marquardt, Reg. No. 40,997; Frederick Yu, Reg. No. 45,251; Brooke W. Quist, Reg. No. 45,030; James J. Woods, Reg. No. 47,184; Ivan Posey, Reg. No. 43,865; Robert L. Kovelman, Reg. No. 51,897; Monica Winghart, Reg. No. 46,790; Antonio Papageorgiou, Reg. No. 54,341; Samuel Simpson, Reg. No. 53,596; and Steven Rubin, Reg. No. 43,063 of the firm BROWN RAYSMAN MILLSTEIN FELDER & STEINER, LLP, 900 Third Avenue, New York, New York 10022, (212) 895-2000 with full power of substitution and revocation to represent Overture Services, Inc. for all applications and patents listed in the Attached Schedule A and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence in this patent application to:

BROWN RAYSMAN MILLSTEIN FELDER & STEINER, LLP  
900 Third Avenue  
New York, New York 10022  
(212) 895-2000

The undersigned has reviewed all documents in the chain of title and believes title is in the Assignee.

Overture Services, Inc.

Date September 8<sup>TH</sup> 2004

(Signature)

BRMFS1 504797v1

## Schedule A

### Issued Patents

No.	Patent #	Issue Date	Serial #	Title	Inventor(S)	Attorney #
1	5,724,033	03/03/98	08/695,059	Method For Encoding Delta Values	Michael Burrows	5598/ TBD
2	5,745,889	04/28/98	08/694,793	Method for Parsing Information of Databases Records Using Word Location Pairs and metaword Location Pairs	Michael Burrows	5598/ TBD
3	5,745,890	04/28/98	08/694,912	Sequential Searching Of A Database Index Using Constraints On Word-Location Pairs	Michael Burrows	5598/ TBD
4	5,745,894	04/28/98	08/696,408	Method For Generating And Searching A Range-Based Index Of Word-Locations	Burrows, Hisgen	5598/ TBD
5	5,745,898	04/28/98	08/695,906	Method For Generating A Compressed Index Of Information Of Records Of A Database	Michael Burrows	5598/ TBD
6	5,745,899	04/28/98	08/689,541	Method For Indexing Information Of A Database	Michael Burrows	5598/ TBD
7	5,745,900	04/28/98	08/711,192	Method For Indexing Duplicate Database Records Using A Full-Record Fingerprint	Michael Burrows	5598/ TBD
8	5,765,149	06/09/98	08/695,057	Modified Collection Frequency Ranking Method	Michael Burrows	5598/ TBD
9	5,765,150	06/09/98	08/695,905	Method For Statistically Projecting The Ranking Of Information	Michael Burrows	5598/ TBD
10	5,765,158	06/09/98	08/696,409	Method for Sampling a Compressed Index to Create a Summarized Index	Michael Burrows	5598/ TBD
11	5,765,168	06/09/98	08/696,816	Method For Maintaining An Index	Michael Burrows	5598/ TBD
12	5,787,435	07/28/98	08/700,748	Method For Mapping An Index Of A Database Into An Array Of Files	Michael Burrows	5598/ TBD
13	5,797,008	08/18/98	08/694,919	Memory Storing An Integrated Index Of Database Records	Michael Burrows	5598/ TBD
14	5,809,502	09/15/98	08/695,904	Object-Oriented Interface For An Index	Michael Burrows	5598/ TBD
15	5,832,500	11/03/98	08/695,060	Method For Searching An Index	Michael Burrows	5598/ TBD
16	5,852,820	12/22/98	08/689,524	Method for Optimizing Entries for Searching an Index	Michael Burrows	5598/ TBD
17	5,864,863	01/26/99	08/696,406	Method For Parsing, Indexing And Searching World-Wide-Web Pages	Michael Burrows	5598/ TBD

No.	Patent #	Issue Date	Serial #	Title	Inventor(S)	Attorney #
18	5,909,677	06/01/99	08/665,709	Method For Determining The Resemblance Of Documents	Michael Burrows	5598/39
19	5,914,679	06/22/99	09/032,826	Method For Encoding Delta Values	Michael Burrows	5598/ TBD
20	5,915,251	06/22/99	09/254,445	Method and Apparatus For Generating And Searching Range-Based Index Of Word Locations	Michael Burrows	5598/ TBD
21	5,963,954	10/05/99	09/123,542	Method For Mapping An Index Of A Database Into An Array Of Files	Michael Burrows	5598/50
22	5,966,703	10/12/99	09/054,438	Technique For Indexing Information Stored As A Plurality Of Records	Michael Burrows	5598/ TBD
23	5,966,710	10/12/99	09/150,349	Method For Searching An Index	Michael Burrows	5598/ TBD
24	5,970,497	10/19/99	09/066,654	Method For Indexing Duplicate Records Of Information In A Database	Michael Burrows	5598/51
25	5,974,455	10/26/99	08/571,748	System For Adding New Entry to Web Page table Upon Receiving Web Page Including Link to Another Web Page Not Having Corresponding Entry in web page Table	Louis M. Monier	5598/48
26	5,974,481	10/26/99	08/929,832	Method For Estimating The Probability Of Collisions Of Fingerprints	Broder	5598/49
27	6,005,503	12/21/99	09/031,882	Method For Encoding And Decoding A List Of Variable Size Integers To Reduce Branch Mispredicts	Michael Burrows	5598/ TBD
28	6,016,493	01/18/00	09/054,431	Method For Generating a Compressed Index Of Information Of Records Of A Database	Michael Burrows	5598/26
29	6,021,409	02/01/00	09/149,090	Method for Parsing, Indexing, and Searching World-Wide Web Pages	Michael Burrows	5598/ TBD

No.	Patent #	Issue Date	Serial #	Title	Inventor(S)	Attorney #
30	6,032,196	02/29/00	09/143,110	System For Adding New Entry to Web Page table Upon Receiving Web Page Including Link to Another Web Page Not Having Corresponding Entry in web page Table	Louis M. Monier	5598/ TBD
31	6,047,286	12/22/98	09/138,088	Method for Optimizing Entries for searching an Index	Michael Burrows	5598/ TBD
32	6,067,543	05/23/00	09/135,656	Object Oriented Interface For An Index	Michael Burrows	5598/ TBD
33	6,073,135	06/06/00	09/037,350	CONNECTIVITY SERVER	Andrei Z. Broder, Michael Burrows, Monika R. Henzinger, Ghemawat	5598/54
34	6,078,923	06/20/00	08/991,179	Memory Storing an Integrated Index of Database Records	Michael Burrows	5598/52
35	6,105,019	08/15/00	09/361,383	CONSTRAINED SEARCHING OF AN INDEX	Michael Burrows	5598/ TBD
36	6,112,203	08/29/00	09/058,577	Method For Ranking Documents In A Hyperlinked Environment Using Connectivity And Selective Content Analysis	Bharat, Henzinger	5598/25
37	6,119,124	09/12/00	09/048,653	Method For Clustering Closely-resembling Data Objects	Andrei Z. Broder, Glassman, Nelson, Zweig	5598/ TBD
38	6,138,113	10/24/00	09/131,469	Method for Identifying Near Duplicate Pages in a Hyperlinked Environment	Dean, Henzinger	5598/23
39	6,173,287	01/09/01	09/037,957	Technique for Ranking Multimedia Annotations of Interest	Eberman, Dufaux, DeVries, Sokolov	5598/ TBD
40	6,219,671	04/17/01	09/204,285	Technique For Storing Data Information In a Network		5598/ TBD
41	6,230,155	05/08/01	09/197,928	Method For Determining The Resemblance Of Documents	DeVries, Sokolov, Kovalcin, Eberman	5598/38

No.	Patent #	Issue Date	Serial #	Title	Inventor(S)	Attorney #
42	6,230,158	05/08/01	09/420,950	Method For Indexing Duplicate Records of Information of a Database	Burrows	5598/53
43	6,243,708	06/05/01	09/204,283	Technique for Accessing an Item of Interest Within a Stored Representation of Data	DeVries, Sokolov, Kovalcin, Eberman	5598/ TBD
44	6,263,364	07/17/01	09/433,007	Web Crawler System and Method for Prioritizing Document Downloads and for Maintenance Freshness of Downloaded Documents	Najork et al	5598/56
45	6,266,657	07/24/01	09/433,008	Technique for Indexing Data in a Network	DeVries, Sokolov, Kovalcin, Eberman	5598/ TBD
46	6,269,362	07/31/01	09/433,010	Method For Monitoring Web Pages	Broder, Glassman, Manasse	5598/ TBD
47	6,275,827	08/14/01	09/433,011	Technique for Processing Data	DeVries, Sokolov, Kovalcin, Eberman	5598/ TBD
48	6,286,006	09/04/01	09/307,320	Method and Apparatus for Finding Mirrored Hosts by Analyzing URLs	Bharat, Broder, Glassman, Dean, Henzinger	5598/ TBD
49	6,301,614	10/09/01	09/433,013	Method And Apparatus For Efficient Representation of Large sets of Uniform Resource Locators in a Web Crawler	Najork, Heydon	5598/55
50	6,311,189	10/30/01	09/433,014	Technique for Matching a Query to a Portion of Media (as Amended)	DeVries, Sokolov, Kovalcin, Eberman	5598/ TBD
51	6,317,741	11/13/01	09/433,015	Technique for Ranking Records of a Database	Burrows	5598/ TBD
52	6,321,220	11/20/01	09/433,016	Method for Preventing Topic Drift In Queries In Hyperlinked environments	Dean, Henzinger	5598/ TBD
53	6,321,265	11/20/01	09/433,017	Web Crawler System and Method for Guaranteeing Politeness	Najork, Heydon	5598/58
54	6,332,144	12/18/01	09/433,018	Technique for Annotating Media	DeVries, Sokolov, Kovalcin, Eberman, Kontothanassis	5598/ TBD

No.	Patent #	Issue Date	Serial #	Title	Inventor(S)	Attorney #
55	6,349,296	02/19/01	09/433,019	Method For Clustering Closely-resembling Data Objects	Broder, Glassman, Nelson, Zweig	5598/ TBD
56	6,351,755	02/26/02	09/433,020	Web Crawler System and Method for Associating an Extensible Set of Data with Downloaded Documents	Najork, Heydon	5598/57
57	6,377,945	04/23/02	09/486,726	Search System and Method for Retrieval of Data, and the Use Thereof in a Search Engine	Risvik	5598/82
58	6,377,984	04/23/02	09/433,004	A Web Crawler System using parallel Queues for Queuing Data Sets Having Common Address and Concurrently Downloading Data Associated with Data Set in Each Queue	Najork, Heydon	5598/59
59	6,487,555	11/26/02	09/307,153	Method And Apparatus for Mirrored Host by Analyzing Connectivity And IP Address	Bharat, Broder, Glassman, Dean, Henzinger	5598/ TBD
60	6,513,032	01/28/03	09/429,770	Search & Navigation System & Method Using Category Intersection Pre-Computation	Paul Sutter	5598/ TBD
61	6,560,600	05/06/03	09/696,922	Method and Apparatus for ranking web page search results	Andrei Z. Broder	5598/27
62	6,598,051	7/22/03	09/664,647	Web Page Connectivity Server	Janet L. Weiner, Raymond P. Stata, Michael Burrows	5598/46
63	6,654,813	11./25/03	09/374,175	Dynamically categorizing entity information	Black, et al.	5598/28
64	6,665,837	12/16/03	09/131,473	Method for identifying related pages in a hyperlinked database	Andrei Z. Broder, Jeffrey Dean Black, Monika Henzinger	5598/32
65	6,701,317	03/23/04	09/664,617	Web page connectivity server construction	Janet L. Weiner, Michael Burrows	5598/29US
66	6,711,568	3/23/2004	09/709,003	Method for estimating coverage of web search engines	Bharat, Broder	5598/31 CON
67	6,546,386	04/08/03	09/703,006	BRILLIANT QUERY SYSTEM	Peter M. Black, Anthony Bryan Waters	5598/87

# Patent Applications

No.	U.S. #	Title	Inventor(s)	Attorney #
1	08/978,260	METHOD FOR ESTIMATING COVERAGE OF WEB SEARCH ENGINE	K. Bharat, A. Broder	5598/45
2	09/007,635	Method for ranking hyperlinked pages using connectivity and content analysis	Krishna A. Bharat, Monika R. Henzinger	5598/TBD
3	09/131,473	Method for identifying related pages in a hyperlinked database	Andrei Z. Broder, Jeffrey Dean Black, Monika R. Henzinger	5598/32
4	09/373,324	Acquiring data related to registered entity having address control	Jeffrey Dean Black, Jason Harvey Titus, Ira Joseph Woodhead	5598/22
5	09/373,940	Mapping Information Services	Black, et al.	5598/41
6	09/374,977	Analyzing Internet Based Information	Black, et al.	5598/40
7	09/599,055	METHOD AND SYSTEM FOR MANAGING FILE TRANSACTIONS IN A COMPUTER NETWORK	Figuero, et al.	5598/43
8	09/654,190	Method and apparatus for providing information on search result page	Peter Anick, Michael Buchenheimer, Johannes Marais, Mark Vandevoorde	5598/165
9	09/664,647	WEB PAGE CONNECTIVITY SERVER	Janet L. Weiner, Raymond P. Stata, Michael Burrows	5598/46
10	09/696,922	Method and apparatus for ranking web page search results (eigen rank)	Andrei Z. Broder	5598/27
11	09/738,471	Targeted e-commerce system	Peter M. Black, Anthony Bryan Waters	5598/89
12	09/743,268	A search engine with two dimensional linearly scalable parallel architecture	Svingon, Risvik, Halaas, Egge	5598/84
13	09/799,863	Search engine for selecting targeted messages	Peter Anick, Farzin Maghoul, Johannes L. Marais, Laurent Chavet	5598/155
14	09/802,114	Method and system for indexing objects	Daniel Larsson, Jan O. Gelin, Ian D. Hegerty	5598/30
15	09/865,988	Load balancing system and method in a multi-processor system	Prashanth B. Bhat, Andrei Z. Broder, Richard A. Kasperski	5598/47
16	09/950,883	Method for searching and analysing information in data networks	Olstad, Risvik	5598/83



No.	U.S. #	Title	Inventor(s)	Attorney #
17	09/952,827	METATAG-BASED DATAMINING	Peter M. Black, Anthony Bryan Waters	5598/88
18	10/022,149	RETAIL COUPON DISTRIBUTION APPARTUS AND METHOD	Flaherty	5598/44
19	10/057,331	METHOD FOR RANKING WEB PAGE SEARCH RESULTS	Maghoul & Broder	5598/TBD
20	10/424,100	System and methods for interactive search query refinement	Peter G. Anick, Alastair Gourlay, John J. Thrall	5598/34
21	10/424,170	METHOD AND APPARATUS FOR MACHINE LEARNING A DOCUMENT RELEVANCE FUNCTION	David Cossock	5598/36
22	10/424,171	METHOD AND SYSTEM FOR BLENDING SEARCH ENGINE RESULTS FROM DISPARATE SOURCES INTO ONE SEARCH RESULT	Robert L. Travis, Jr.	5598/33
23	10/424,172	SEARCH ENGINE SUPPLEMENTED WITH URL'S THAT PROVIDE ACCESS TO THE SEARCH RESULTS FROM PREDEFINED SEARCH QUERIES	Alastair Gourlay	5598/35
24	10/424,180	SYSTEMS AND METHODS FOR INTERACTIVE SEARCH QUERY REFINEMENT	Peter G. Annick, Alastair Gourlay, John J. Thrall	5598/34
25	10/429,208	CONTENT PERFORMANCE ASSESSMENT OPTIMIZATION FOR SEARCH LISTINGS IN WIDE AREA NETWORK SEARCHES		5598/??
26	10/431,644	Method and apparatus for ranking web page search results	Andrei Broder	5598/24
27	10/625,000	CONCEPT VALUATION IN A TERM- BASED CONCEPT MARKET	Gary William Flake, David M. Pennock	5598/67
28	10/625,001	TERM-BASED CONCEPT INSTRUMENTS	Gary William Flake, David M. Pennock	5598/68
29	10/625,082	TERM-BASED CONCEPT MARKET	Gary William Flake, David M. Pennock	5598/9
30	10/693,667	DYNAMICALLY CATAGORIZING ENTITY INFORMATION	Black, Titus, Woodhead	5598/28
31	10/702,116	Method for identifying related pages in a hyperlinked database	Black, Henziger, Broder	5598/32
32	10/705,641	SEARCH ENGINE WITH HEIRARCHICALLY STORED INDICES	Risvik, Aasheim, Lidal	5598/74
33	10/737,724	WEB PAGE CONNECTIVITY SERVER	Janet L. Weiner, Michael Burrows	5598/29 CON
34	10/761,800	METHOD FOR ESTIMATING COVERAGE OF WEB SEARCH ENGINE	Bharat	5598/31 CON
36	10/770,590	DYNAMIC PARI-MUTUEL MARKET	David Pennock	5598/17

No.	U.S. #	Title	Inventor(s)	Attorney #
37	10/783,383	COMPUTERIZED ADVERTISING OFFER EXCHANGE	David Zito, Joseph Essas, Rezu Ghanbari, Jeremy Dans, Yusuf Gomel	5598/66
38	60/097,029	Collecting, Combining, Analyzing and using Internet and Business Information	Black, et al.	5598/41 PROV
39	60/456,905	SYSTEMS AND METHODS FOR INTERACTIVE SEARCH QUERY REFINEMENT	Peter G. Anick, Alastair Gourlay, John Joseph Thrall	5598/34
40	80/546,694	COMPUTERIZED ADVERTISING OFFER EXCHANGE	David Zito, Joseph Essas, Rezu Ghanbari, Jeremy Dans, Yusuf Gomel	5598/66 PROV